CLAIM AMENDMENTS

Please amend claims 1, 27, 78, 86, 88, and 92 as follows.

Please add new claim 93.

1.   (Currently Amended) A method <u>of delivering information to a client from a server,</u> comprising:

<u>receiving a request from the client to subscribe to establish a hypertext transport protocol communication path;</u>

monitoring and detecting publication of information in a network;

organizing the detected information into at least one event and routing the at least one event to a set of topics;

facilitating a user to persistently subscribe to at least one topic selected from among the set of topics

<u>opening a hypertext transport protocol communication path to the client;</u>

<u>automatically and transparently launching a microserver on the client;</u> and

<u>maintaining open the hypertext transport protocol communication path to the client while</u> delivering the event to the [[user]] <u>client</u> via the ~~Internet~~ <u>hypertext transport protocol communication path</u> immediately upon detection based on a subscription to a topic, wherein delivering the event to the [[user]] <u>client</u> is not in reply to a request from the [[user]] <u>client to establish the hypertext transport protocol communication path</u>.

2-5.   (Canceled)

6.   (Previously Presented) The method of claim 1, further comprising organizing information into non-events, alerts, messages, queries, data, data content, patterns, streams, or queues.

7-9.   (Canceled)

10.   (Previously Presented) The method of claim 1, further comprising facilitating a user to persistently subscribe to a web resource, based on a universal resource locator (URL).

11.   (Original) The method of claim 1, further comprising facilitating a user to persistently subscribe to a web user, based on an email address, a name or a location, and to specify a level of interest in the web user.

12.   (Original) The method of claim 1, further comprising facilitating a user to persistently subscribe to a user's presence, based on an email address, a name or a location, and to specify a level of interest in the web user.

13-15. (Canceled)

16.   (Original) The method of claim 1, further comprising registering a pager, cellular telephone, email, instant messenger, purchase order system, microserver-equipped client computer, facsimile machine, web browser, or spreadsheet and routing information to the user on the registered pager, cellular telephone, email, instant messenger, purchase order system, microserver-equipped client computer, facsimile machine, web browser, or spreadsheet, based on the selected topic and level of interest in the selected topic.

17-24. (Canceled)

25.   (Original) The method of claim 1, further comprising filtering the information, based on the selected topic and level of interest in the selected topic, and delivering the filtered information to the user on a client system having an embedded microserver.

26.   (Original) The method of claim 1, further comprising filtering the information based on the selected topic and level of interest in the selected topic, delivering the filtered information to the user on a client system having an embedded microserver, and facilitating the user to reply to the filtered information using the embedded microserver.

27.   (Currently Amended) A method comprising:
        monitoring and detecting publication of information in a network;
        organizing the detected information into at least one event and routing the event to a set of topics;

facilitating at least one client to persistently subscribe to at least one topic selected from among the set of topics; [[and]]

opening a hypertext transport protocol communication path to the client and delivering the event via the ~~Internet~~ the hypertext transport protocol communication path to the client immediately upon detection based on a subscription to a topic, the hypertext transport protocol communication path being maintained open while delivering the event and other subsequently detected events organized into the topic, wherein delivering the one or more events ~~event~~ to the client is initiated by a server, and wherein the client does not include a programmed request and/or a poll for the event.

28-31. (Canceled).

32.   (Previously Presented) The method of claim 27, further comprising organizing information into non-events, alerts, messages, queries, data, data content, patterns, streams, or queues.

33-35. (Canceled).

36.   (Previously Presented) The method of claim 27, further comprising facilitating a client to persistently subscribe to a web resource, based on a universal resource locator (URL), and to specify a level of interest in the web resource.

37.   (Previously Presented) The method of claim 27, further comprising facilitating a client to persistently subscribe to a web user, based on an email address, a name or a location, and to specify a level of interest in the web user.

38.   (Previously Presented) The method of claim 27, further comprising facilitating a client to persistently subscribe to a clients presence, based on an email address, a name or a location, and to specify a level of interest in a web user.

39-41. (Canceled).

42. (Previously Presented) The method of claim 27, further comprising registering a pager, cellular telephone, email, instant messenger, purchase order system, microserver-equipped client computer, facsimile machine, web browser, or spreadsheet and routing information to the client on the registered pager, cellular telephone, email, instant messenger, purchase order system, microserver-equipped client computer, facsimile machine, web browser, or spreadsheet, based on the selected topic and level of interest in the selected topic.

43-76. (Canceled).

77. (Previously Presented) The method of claim 27, further comprising delivering the at least one event from multiple subscriptions to the client using a single connection.

78. (Currently Amended) The method of claim 27, further comprising delivering a first event via the ~~Internet~~ <u>hypertext transport protocol communication path</u> once and a second event via the Internet once, the first event being different from the second event.

79. (Previously Presented) The method of claim 78, further comprising re-establishing a broken connection while delivering the at least one event to the client once.

80. (Previously Presented) The method of claim 27, further comprising delivering the at least one event to an electronic document using a microserver at the client.

81. (Previously Presented) The method of claim 27, further comprising delivering the at least one event to a web browser at the client.

82. (Previously Presented) The method of claim 27, further comprising establishing multiple routes between delivering events and the clients.

83. (Previously Presented) The method of claim 27, further comprising organizing events based on universal resource identifiers.

84.   (Previously Presented) The method of claim 27, further comprising addressing subscriptions based on universal resource locators.

85.   (Previously Presented) The method of claim 27, further comprising determining subscribers to a topic based on the topic.

86.   (Currently Amended) A method, comprising:
        monitoring and detecting publication of information in a network;
        organizing the detected information into at least one event and routing the events to a set of topics;
        facilitating a [[user]] client to persistently subscribe to at least one topic selected from among the set of topics; and
        opening a hypertext transport protocol communication path to the client and delivering the event to the [[user]] client using a web server hypertext transport protocol communication path, the hypertext transport protocol communication path remaining open while delivering the event an any subsequent events that are organized into the topic, wherein the delivering the one or more event to the [[user]] client is not in response to a request and/or poll for the event.

87.   (Previously Presented) The method of claim 86, further comprising delivering the event to a router from a router using the web server protocol.

88.   (Currently Amended) The method of claim 86, further comprising delivering a first event via the Internet hypertext transport protocol communication path once and a second event via the Internet hypertext transport protocol communication path once, the first event being different from the second event.

89.   (Previously Presented) The method of claim 88, further comprising re-establishing a broken connection while delivering the at least one event to the client once.

90.   (Previously Presented) The method of claim 86, further comprising establishing multiple routes between delivering events and the clients.

91. (Previously Presented) The method of claim 86, further comprising determining subscribers to a topic based on the topic.

92. (Currently Amended) A method, comprising:

receiving a connection at a web page from a user, the web page having content including a microserver;

automatically delivering the microserver to the user via ~~the Internet~~ <u>a hypertext transport protocol communication path</u>;

allowing other web page content to automatically subscribe to events on behalf of the user; and

delivering events and/or other web page content to the user.

93. (New) The method of claim 1, further comprising:

permitting a client to request a new hypertext transport protocol communication path if the previous hypertext transport protocol communication path experiences a failure; and

permitting the client to be notified of the one or more events that would have been transmitted to the client during the duration of the failure.